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Moran, K. 2009. Review of *Drill Me a Painting: A Scientist's Impressions Aboard an Ocean Drilling Research Vessel*, by C. Laverne. *Oceanography* 22(3):272, doi:10.5670/oceanog.2009.92.

fluid flow—particularly its effect on drag—and swimming that I know about. By considering all these physical elements of the aquatic environment, Dusenbery provides a masterful description of a microbe's world.

Because it does not systematically develop the theories, this book can be a difficult read for the nonspecialist. It has its eccentricities, such as dismissing the relevance of 100x differences in metabolic rates for a given diameter while pursuing 0.3x changes in drag associated with shape. In addition, this book does not incorporate relevant literature nor does it try to place microorganisms in the oceanic environment. For example, it does not discuss work done on the hydrodynamics of prey detection and predator-prey interactions or on transport considerations for viral infection in plankton. Kiørboe's *A Mechanistic Approach to Plankton Ecology* (2008) is a better starting point for that literature. However, for someone who is comfortable with the physical approach to the aquatic environment, the extensive consideration of microbial shape and size is fascinating and enlightening.

Living at Micro Scale is a very personal look at the water-microbe interface by a master of sensory biology.

George Jackson *(gjackson@tamu.edu) is Professor, Department of Oceanography, Texas A&M University, College Station, TX, USA.*

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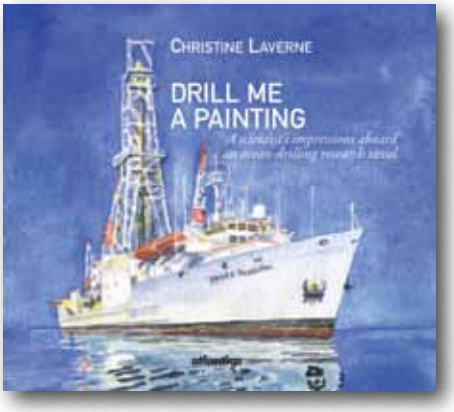

Drill Me a Painting: A Scientist's Impressions Aboard an Ocean Drilling Research Vessel

By Christine Laverne, Atlantica, 2008, 115 pages, ISBN 978-2-7588-0169-6, Softcover, 25 €

REVIEWED BY KATE MORAN

Christine Laverne's beautifully illustrated book titled *Drill Me a Painting* describes her almost 30-year-long adventure seeking to uncover mysteries of Earth's lithosphere buried deep beneath the ocean's seafloor. Laverne is a senior lecturer in geosciences at Paul Cézanne University Aix-Marseille III, France, as well as a watercolor illustrator. Her story is one that combines the personal with the science and high technology required for this type of adventure.

Laverne candidly describes both the joys and the personal stresses, traumas, and relationships aboard two of the world's most capable scientific drillships, first onboard *Glomar Challenger* and later, *JOIDES Resolution*. Intertwined with this adventurous drilling travelogue are clearly written and illustrated depictions of tectonic evolution, rocks that form the lithosphere, history of scientific drilling, and drilling tools. And an adventure would not be complete without the drama of the challenge itself, which Laverne includes by telling stories of broken drill pipe, equipment lost miles below the ship, the deep dark depths below the seafloor that had to be reached, and the trials of re-entering a borehole years after it was abandoned. This book is a short and pleasant read for those who have sailed or will sail—or dream of sailing—on ocean exploration expeditions. An added bonus is that the earth science and technology inserts can easily be adapted for use in the classroom.

Special Note: Integrated Ocean Drilling Program Management International has generously offered to provide a free copy of this lovely book to the first 50 people who send an e-mail request to book@iodp.org. Please include your name and full mailing address. IODP will send an acknowledgment, confirming the address, and telling you when to expect the book.

Kate Moran *(kate.moran@gso.uri.edu) is Professor of Oceanography and Associate Dean, Graduate School of Oceanography, University of Rhode Island, Narragansett, RI, USA. She has sailed on seven scientific drilling expeditions and was Director, Ocean Drilling Program at Joint Oceanographic Institutions.*